

CLIMATOLOGICAL DATA FOR FEBRUARY, 1911.

DISTRICT No. 7, LOWER MISSISSIPPI VALLEY.

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GENERAL SUMMARY.

Temperature conditions were generally moderate at the opening of the month, but on the 2d a cool wave overspread the northwestern portion of the district, and reached the eastern and southern portions on the 3d. From the 4th to the 21st temperatures were much above the seasonable average, the highest temperatures of the month being recorded during this period. The maximum temperatures were above 80° at many stations, and they were above 90° in parts of Oklahoma and the Texas area. On the 22d a severe cold wave overspread the district, giving temperatures below zero over the northwestern portion of the district, and below 20° as far south as northern Louisiana. Light frosts occurred to the Gulf coast during this cold period. From the 25th to the close of the month temperatures were above the normal, maximum temperatures being generally above 40° in the northern and western and above 70° in the southern portion of the district.

Periods of precipitation were not well defined, and it is not practicable to generalize them for the district as a whole. In the Colorado area there were three, 1st-5th, 13th-21st, and 24th-28th, and the amounts were moderately heavy, being above normal in most localities. Over the New Mexico area there were four periods, 4th-5th, 13th, 16th-21st, and 26th-28th. The precipitation was heavy over this area, especially on the 17th and 18th, and the amounts were above the normal at all stations. Over the Texas area the periods of precipitation were not well defined, but generally speaking there were three, 7th-13th, 16th-19th, and 27th-28th. On the 17th and 18th the rainfall was heavy, and the monthly amounts were above the normal. In the Kansas area there were four periods of precipitation as follows, 4th-5th, 13th-14th, 16th-19th, 25th-28th. The precipitation was heavy from the 16th to 18th and the monthly amounts were above the normal at all stations. Over Oklahoma there were four periods of general precipitation, 11th, 13th 16th-19th, and 25th-28th. Light-scattered precipitation occurred on other dates also. From the 16th to the 19th the amounts were heavy, and the monthly totals were above the normal at all stations. Over the Missouri area there were three periods of precipitation, 5th and 6th, 11th-20th, and 25th-28th. The amounts were slightly above the normal and the precipitation was well distributed for agricultural needs. Over the Tennessee area there were five periods of precipitation, 3d-4th, 6th-8th, 11th-14th, 18th-20th, and 26th-28th. The precipitation was well distributed, but below the normal in all parts of this area. Over Arkansas the periods of precipitation, speaking broadly, were two, 3d-21st, and 25th-28th. During these periods showers occurred at one or more stations every day, and on the 19th general rains fell. The monthly amounts were above the normal

except over the northeastern portion of the State and at a few scattered stations in the southeast portion, where there was a deficiency. Over the Mississippi area there were three periods of precipitation, 3d-14th, 19th-20th, and 26th-28th. The amounts were above normal in the northern and below in the southern portion of the State. Many localities lying south of the thirty-third parallel were needing rain badly at the close of the month. Over Louisiana there were three periods of light-scattered showers, 7th-14th, 18th-20th, and 26th-28th. The monthly amounts were below the normal, and at the close of the month rain was badly needed for agricultural and commercial interests in all parts of the State.

TEMPERATURE.

Mean temperatures for the month were above the normal, the departures ranging from 2° to 11.8°, except over the Colorado and New Mexico areas, where there was a general deficiency ranging from -0.4° to -6.4°. The coldest portion of the district was the Colorado area, with a mean temperature of 27.2°. The warmest was Louisiana, with a mean of 61.1°. Maximum temperatures reached or exceeded 90° in Oklahoma and the Texas area, and 85° in all other States and areas, except in the New Mexico area, where the highest recorded was 76°. The highest for the district was 94° at Hennessey, Okla., and 92° was recorded at Henrietta, Tex. Minimum temperatures were below zero generally over Oklahoma and the Colorado, New Mexico, and Kansas areas, and over the Texas panhandle. In the Missouri area and in northern Arkansas the minimums were below 10°. To the southward over Louisiana and Mississippi freezing temperatures occurred generally, and a minimum of 26° was recorded on the Gulf coast in Louisiana. The cold weather at this time interfered materially with agricultural and commercial interests, especially in Louisiana, where much damage resulted. The lowest temperature recorded during the month was -27° at Elizabethtown, N. Mex., and -25° was recorded at Westcliffe, Colo. Taken as a whole, temperature conditions during the month were unseasonably warm, except during the early part of the second decade, when the severe cold wave above mentioned occurred. Much of the damage done by this cold wave was due to the fact that the warm weather earlier in the month had caused all vegetation to be much further advanced than usual for this time of the year.

Monthly mean temperatures and departures from the normal for the various States and parts of States are reported as follows: Colorado area, 27.2°, -1.7°; New Mexico area, 33.3°, -2.4°; Texas area, 42.7°, +4.8°; Kansas area, 37.2°, +5.8°; Oklahoma, 44.2°, +6.1°; Missouri area, 42.1°, +7.8°; Tennessee area, 46.2°, +6.5°; Arkansas, 49.8°, +8.6°; Mississippi area, 55.3°, +8.9°; Louisiana, 61.1°, +8.9°.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Heavy precipitation occurred over the greater portion of this drainage area, there being more than the normal amount, except at a few scattered stations in Colorado and Arkansas. Over the headwaters of the Arkansas River, in Colorado, the average precipitation from 37 stations was 1.64 inches, about 0.6 inch above the normal. The precipitation was unusually heavy over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, where the average from 41 stations was 4 inches, and the average excess was 3 inches. Five stations reported more than 6 inches. The average from 21 stations in the Cimarron Valley was 3.10 inches, 2.1 inches above the normal. Over the Canadian Valley above the Texas-Oklahoma line, the precipitation from 45 stations averaged 1.57 inches, about 0.8 inch above the normal. The precipitation was heavier over that portion of the Canadian Valley that lies in Oklahoma, the average from 18 stations being 3.10 inches, about 1.5 inches above the normal. The precipitation from 10 stations in the Verdigris Valley averaged 5.32 inches, about 3.8 inches above the normal. In the Neosho Valley the precipitation was excessive, except at a few places in Missouri, the average from 17 stations being 4.41 inches, about 2.2 inches above the normal. Over that portion of the Arkansas Valley below the Oklahoma-Arkansas line the average precipitation from 16 stations was 4.09 inches, about 0.7 inch above the normal.

Red River and tributaries.—Generally heavy precipitation occurred over this drainage area, except in Louisiana, where the amounts were generally less than the normal. Over those portions of this drainage area that lie in New Mexico, Texas, and Oklahoma, the precipitation from 42 stations averaged 3.55 inches, about 2.2 inches above the normal. Below the Texas-Arkansas line the average from 17 stations was 3.51 inches, about 1.6 inches below the normal.

Mississippi south of St. Louis and small tributaries.—Less than the normal amount of precipitation occurred over the greater portion of this drainage area. In the immediate Mississippi Valley the amounts from 40 stations averaged 2.94 inches, about 1.2 inches below the normal. Over the valley of the Meramec the precipitation averaged about 0.5 inch above the normal. The average from 20 stations in the White River Valley was 3.51 inches, about 0.2 inch above the normal. The precipitation was heavy over portions of the Yazoo Valley, the average from 31 stations being 5.04 inches, about 0.7 inch above the normal. Less than the normal amount of precipitation occurred throughout the Valley of the Big Black, the average being 3.72 inches, about 1.8 inches below the normal. The precipitation was above the normal over the Ouachita Valley, except in Louisiana, the average amount from 18 stations being 4.62 inches, about 0.2 inch above the normal.

Louisiana coastal plain.—Very little precipitation occurred over this area, there being less than 1 inch at several stations. The average from 29 stations was 1.02 inches, about 3.9 inches below the normal.

Monthly precipitation and departures from the normal for the various States and parts of States are reported as follows: Colorado area, 1.63, +0.66; New Mexico area, 1.26, +0.62; Texas area, 3.87, +2.06; Kansas area, 4.62, +3.54; Oklahoma, 3.35, +1.93; Missouri area, 3.23, +0.38; Tennessee area, 3.00, -1.31; Arkansas, 4.31, +0.65; Mississippi area, 4.37, -1.06; Louisiana, 1.65, -3.25.

SNOWFALL.

Snow occurred generally north of the thirty-fifth parallel and at some stations in the western portion of the district to the south of that parallel. In the Colorado area the greatest monthly amount was 78 inches at Hermit Lake and the least 11 inches at Limon (near) and Vilas. The last half of the month was stormy and valuable additions to the stock of snow in the mountains were made. The fall was above the normal in all parts of the Arkansas basin except in Lake County and the northern part of Saguache County. The average amount on the ground at the close of the month was 25 inches, which is practically the same as at the close of February, 1910. As a whole, the snow is loosely packed and the prospects are for somewhat less than a normal flow of irrigation water. In the New Mexico area a marked change occurred during the month in the outlook for irrigation water. General and heavy snow occurred during the last half of February over all the higher districts and mountain ranges of the territory and heavy rains over most of the lower levels, filling the soil with abundant moisture and changing a most discouraging outlook for irrigation water to one of general encouragement. The early flow of water especially will be abundant in some of the tributaries of the Canadian, while the main stream will have a good early flow unless warm winds occur during the spring months when the rapid run-off occasioned thereby will cause high water to come too early for its most successful use. A calm, wet, and rather cool spring will aid materially, but rain will be needed to insure a late flow of water. The monthly amounts ranged from 4 to 25 inches generally. In Texas the snowfall was confined generally to the Panhandle, the greatest monthly amount being 12.2 inches at Texline. In the Kansas and Missouri areas the snowfall was heavy, the amounts ranging from a trace to 14.5 inches. Over Oklahoma and northern Arkansas the amounts were generally less than 3 inches, except in extreme western Oklahoma where the monthly amounts ranged from 8 to 14.3 inches. Traces of snow were recorded at some stations in the Tennessee area and the northern portion of the Mississippi area and in southern Arkansas, but over Louisiana and southern Mississippi no snow occurred during the month. At the close of the month the district was bare of snow at ordinary elevations, except that there was a light amount on the ground in the Kansas area, and over the New Mexico and Colorado areas the amounts on the ground at ordinary elevations ranged from a trace to 15 inches. The average snowfall (in inches) for the various States and areas derived from the records of such stations as reported snow is as follows: Colorado area (35 stations), 23.1; New Mexico area (46 stations), 12.3; Texas area (14 stations), 4.1; Kansas area (58 stations), 7.6; Oklahoma (35 stations), 2.3; Missouri area (22 stations), 2.7; Tennessee area (6 stations), trace; Arkansas (24 stations), 0.8; Mississippi area (6 stations), trace.

RIVERS.

A general rise occurred in the upper Arkansas River toward the close of the second decade. In Kansas the water rose rapidly on the 18th and subsided on the 23d. In Arkansas low stages prevailed during the first and second decades, but during the third decade fairly good stages prevailed and navigation was resumed on the 20th after one of the longest and most unfavorable periods of low water of record.

In Oklahoma there was a rise in all streams as a result of the heavy rains of the 16th to 19th, but no floods were reported. Rivers were generally about normal stages at the close of the month.

There were a few slight rises in the Red River, but none of importance occurred.

Low stages continued in the upper White River during the early part of the month, but a freshet occurred on the 20th, which resulted in a maximum stage of 16 feet at Batesville on the 21st and of 18.6 feet at Newport on the 22d. The lower White River experienced a steady rise from 10.6 feet on the 9th to 23.2 feet on the 28th.

Changes in the Ouachita were slight during the first decade, but there was a rise of about 20 feet at Camden and 14 feet at Monroe during the second and third decades.

Below St. Louis the Mississippi rose slowly during the greater part of the month, but only moderate stages prevailed at the close.

NOTES.

Tulia, Tex.—Wheat prospects are excellent.

Winfield, Tex.—The freeze of the 21st and 22d killed more than half the fruit crop and early gardens.

Kansas (T. B. Jennings, section director).—Heavy rains after the middle of the month interfered materially

with outdoor work. Wagon roads were almost impassable during the latter part of the month and transportation in the country, except by rail, was practically impossible.

Oklahoma (J. P. Slaughter, section director).—The first half of the month was mild, dry, and pleasant; the latter half was moderately cold, wet, and stormy. With one exception it was the wettest February of which there is record.

Missouri (George Reeder, section director).—Weather conditions were favorable for outdoor occupations. Country roads were in bad condition as the result of frequent rains. Wheat is reported to be in fair condition.

Arkansas (H. F. Alciatore, section director).—The severe freeze of the 21st and 22d, occurring after a protracted period of unseasonably warm weather, was very unfavorable to some of the agricultural interests of the State.

University, Miss.—The cold weather of the 21st to 23d killed a great part of the fruit and early vegetable crops.

Louisiana.—Truck gardens and fruit crops suffered seriously from the freeze on the 22d and 23d. In some localities the crops were protected successfully. The orange groves below New Orleans were protected with smudges. Where berries were covered with straw, about one-third of the crop survived the freeze.

TABLE 1.—Climatological data for February, 1911. District No. 7, lower Mississippi Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.	Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Number of partly cloudy days.	Number of cloudy days.	Number of rainy days, 0.01 inch or more.	Number of clear days.				
<i>Colorado.</i>																						
Blaine.	Baca.	3,935	19	32.4	-0.2	77	12	-6	20†	51	1.66	+ 1.15	0.67	16.0	5	8	12	8	sw.	M. M. Myers.		
Buena Vista.	Chaffee.	7,955	11	21.8	—	48	3†	-23	22	51	2.93	+ 2.48	1.35	29.5	4	15	5	8	sw.	C. A. Short.		
Calhan.	El Paso.	6,700	4	26.1	—	59	11	-12	22	35	1.30	—	0.35	15.5	6	18	5	5	sw.	H. B. Rice.		
Canon City \$§.	Fremont.	5,343	23	32.8	-2.4	64	12	-6	22	50	1.92	+ 1.37	0.45	22.0	7	18	5	5	n.	G. C. Sherwood.		
Colorado Springs.	El Paso.	6,098	31	27.2	-2.5	60	1†	-10	22	42	1.81	+ 1.39	0.56	18.5	8	16	5	7	sw.	Colorado College.		
Cripple Creek.	Teller.	9,306	10	—	—	—	—	—	—	—	0.78	+ 0.38	0.24	14.0	6	—	—	—	sw.	F. G. Willis.		
Cuchara Camps.	Huerfano.	8,200	2	—	—	—	—	—	—	—	1.57	—	0.72	24.2	9	20	3	5	sw.	George A. Mayes.		
Eads.	Kiowa.	4,209	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	W. H. Lauck.		
Fairview.	Custer.	9,500	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	e.	Elizabeth L. Gray.		
Fremont Exp. Sta.	El Paso.	8,850	1	21.1	—	49	11	-11	21	36	1.56	—	0.51	24.7	8	23	4	1	w.	U. S. Forest Service.		
Garfield.	Chaffee.	9,510	1	—	—	—	—	—	—	—	2.63	—	0.67	36.3	13	14	6	8	sw.	Lloyd N. Felton.		
Hamps.	Elbert.	5,400	18	27.0	-0.1	63	11†	-12	22	49	0.82	+ 0.50	0.40	14.7	5	16	4	8	n.	W. Hamp.		
Hermit Lake.	Custer.	10,000	1	—	—	—	—	—	—	—	4.02	—	0.57	78.0	15	11	6	11	sw.	John E. Graham.		
Hoehne.	Las Animas.	5,700	19	34.6	+ 3.1	88	6	-18	32	75†	1.63	+ 1.03	0.70	13.0	8	15	5	8	w.	S. W. De Busk.		
Holly.	Prowers.	3,380	16	32.0	-3.0	77	12	-10	22	60	1.10	+ 0.82	0.50	7	17	9	2	nw.	Holly Sugar Co.			
La Junta.	Otero.	4,052	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	Clyde C. McReynolds.		
Lake Moraine.	El Paso.	10,265	17	19.5	-1.6	56	1	-22	21	35	1.55	+ 0.54	0.35	28.8	11	12	4	12	sw.	J. T. Lawless.		
Lamar.	Prowers.	3,592	21	32.0	-1.1	75	12†	-11	20	55	1.83	+ 1.33	0.44	11.2	5	19	3	6	e.	F. M. Tague.		
Las Animas.	Bent.	3,899	33	31.8	-0.2	75	12	-15	22	54	1.66	+ 1.27	0.47	22.0	8	13	3	12	se.	Marina D. Wright.		
La Veta Pass.	Costilla.	9,000	1	—	—	—	—	—	—	—	2.74	—	0.60	41.1	11	10	7	11	w.	U. S. Weather Bureau.		
Leadville.	Lake.	10,248	15	17.4	-0.9	44	17	-15	21	42	0.82	- 0.81	0.25	12.1	10	9	8	11	n.	P. L. Palmer.		
Limon (near).	Elbert.	5,360	4	64	11	-14	21†	46	—	—	1.3	—	0.48	17.8	8	—	—	—	sw.	Thos. Sawyers.		
Madrid.	Las Animas.	—	1	26.8	—	—	—	—	—	—	1.25	- 1.61	0.62	31.0	8	13	9	6	w.	William D. Lillard.		
Marshall Pass.	Saguache.	10,846	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	U. S. Forest Service.		
Monument.	El Paso.	7,200	—	25.6	—	56	13	-13	20†	38	1.90	—	0.78	20.0	5	15	6	7	w.	James W. Ingmire.		
North Lake.	Las Animas.	8,700	—	—	—	—	—	—	—	—	1.53	—	0.40	19.0	8	18	2	8	nw.	U. S. Weather Bureau.		
Pueblo.	Pueblo.	4,734	23	29.0	-2.8	67	11	-10	22	48	0.99	+ 0.54	0.38	17.3	9	13	10	3	nw.	P. K. Blinn.		
Rocky Ford.	Otero.	4,177	22	31.5	-0.1	72	12	-16	22	54	0.65	+ 0.31	0.42	—	4	18	8	2	w.	Daniel Clark.		
St. Elmo.	Chaffee.	9,500	2	—	—	—	—	—	—	—	2.07	—	0.30	27.2	12	9	11	8	e.	M. D. L. Buell.		
Salida \$§.	do.	7,035	12	24.9	-5.8	52	11	-20	22	53	4.05	+ 3.38	1.65	40.5	7	19	2	7	w.	Lincoln G. Morris.		
Santa Clara.	Huerfano.	8,252	16	25.8	-2.9	58	11	-12	22	42	1.66	+ 0.21	0.54	20.2	9	11	12	5	n.	Howard Gamble.		
Sheridan Lake.	Kiowa.	4,065	9	28.4	-2.4	72	15	-16	23	56	1.30	+ 1.08	0.71	—	3	24	1	3	ne.	J. W. Shouse.		
Stonewall.	Las Animas.	8,000	5	—	—	—	—	—	—	—	0.85	—	0.36	13.5	7	12	11	5	n.	Mrs. Mattie H. Butler.		
Trinidad.	do.	5,994	15	—	—	—	—	—	—	—	1.06	+ 0.18	0.86	23.5	7	17	5	6	n.	Fred Jones.		
Victor (near).	Teller.	10,100	7	26.6	-3.1	58	1	-4	21	29	0.92	+ 0.36	0.42	14.0	5	22	2	2	e.	Carrie Konkel.		
Villas.	Baca.	3,935	20	—	—	—	—	—	—	—	1.22	+ 0.78	0.37	11.0	7	8	5	15	nw.	J. C. Groff.		
Wayne.	El Paso.	—	—	—	—	—	—	—	—	—	1.23	—	0.44	—	6	—	—	—	sw.	Zack Jordan.		
Westcliffe.	Custer.	7,864	17	23.7	-2.6	54	4	-25	22	52	1.42	+ 0.80	0.77	23.0	5	8	10	10	nw.	John G. Payne.		
Winfeld.	Chaffee.	9,765	1	28.3	—	58	11	-5	20†	36	1.31	—	0.95	—	6	12	10	10	w.	Dr. J. E. White.		
Woodman Sanatorium.	El Paso.	—	—	—	—	—	—	—	—	—	1.48	- 2.49	0.50	20.0	7	0	10	18	n.	George C. Wortman.		
Wortman.	Lake.	11,250	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	Alfredo Lucero.		
<i>New Mexico.</i>																						
Abbott.	Mora.	5,771	2	34.7	—	66	12	-21	23	58	0.48	—	0.32	6.0	5	13	5	10	s.	Agent E. P. & S. W. R. R.		
Albert.	Union.	4,700	20	36.4	-2.5	72	1†	0	22	43	0.85	+ 0.38	0.37	6.0	5	18	4	6	w.	Andrew Knell.		
Areh (near).	Roosevelt.	4,634	2	—	—	72	1	-6	21	44	0.99	—	0.68	—	3	10	2	16	se.	Wm. A. Elliott.		
Aurora.	Colfax.	8,849	2	—	—	—	—	—	—	—	1.17	—	0.32	19.5	9	1	23	4	nw.	Miss Juanita Lucero.		
Bell Ranch.	San Miguel.	4,500	12	38.6	—	76	3	-2	22†	50	1.37	+ 0.79	0.63	9.0	6	10	9	9	w.	C. M. O'Donel.		
Black Lake.	Colfax.	8,348	12	—	—	—	—	—	—	—	0.84	—	0.39	12.2	8	6	14	8	w.	R. T. Martinez.		
Cabeza.	San Miguel.	5,406	—	—	—	—	—	—	—	—	1.54	—	0.90	7.7	7	5	16	7	sw.	Agent E. P. & S. W. R. R.		
Campana.	do.	4,493	2	—	—	—	—	—	—	—	0.95	—	0.42	10.0	7	4	14	10	w.	Do.		
Cimarron (near).	Mora.	9,000	2	31.2	—	65	3	-7	22	47	1.13	—	0.60	20.5	6	12	9	7	e.	Alfredo Lucero.		
Clayton.	Colfax.	6,385	7	31.2	—	65	3	-7	22	47	—	—	—	—	—	—	—	—	sw.	Wm. French.		
Clovis.	Union.	5,178	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	Dr. W. W. Chilton.		
Cuervo.	Curry.	4,129	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	sw.	C. R. Worrall.		
Dawson.	Guadalupe.	4,849	2	38.2	—	68	3	-2	22	36	2.19	—	1.30	11.0	3	11	9	8	sw.	Agent E. P. & S. W. R. R.		
Dorsey (near).	Colfax.	6,396	—	—	—	—	—	—	—	—	1.17	—	0.56	14.2	8	3	15	10	n.	Geo. T. Lambert.		
Elizabethtown.	do.	8,465	5	23.0	—	56	12	-27	22	59	2.33	—	0.73	24.0	7	10	9	9	nw.	Miss M. Carrington.		
Folsom.	Union.	6,399	11	31.6	-0.4	68	13	-12	22	45	1.55	+ 0.94	1.05	15.0	5	6	15	7	sw.	David Rope.		
Fort Union.	Mora.	6,835	51	28.4	-6.4	67	5	-16	22	50	0.91	+ 0.45	0.30	13.0	6	15	3	10	nw.	M. C. Needham.		
Hayden.	Union.	4,444	2	36.0	—	72	1	-6	22	46	0.72	—	0.40	12.5	5	11	8	8	sw.	Jas. B. Dickson.		
Johnson Park.	Colfax.	6,722	2	—	—	—	—	—	—	—	1.13	—	1.00	4.0	4	12	8	8	sw.	A. J. Meloche, Jr.		
Kappus.	Quay.	4,000	—	—	—	—	—	—	—	—	1.25	—	0.75	8.0	5	—	—	—	sw.	Anthony Kappus.		
Lake Alice.	Colfax.	7,160	2	—	—	—	—	—	—	—	1.96	—	0.63	30.5	5	—	—	—	sw.	Raton Water Co.		
Logan.	Quay.	3,851	5	37.54	—	73	1†	-1	22	57	1.22	—	0.72	9.5	4	17	7	4	sw.	John B. Reneau.		
Los Alamos.	San Miguel.	9,789	6	—	—	—	—	—	—	—	1.36	—	0.84	18.0	6	—	—	—	sw.	Wm. Frank, sr.		
Lykins (near).	Roosevelt.	5,000	1	—	—	—	—	—	—	—	1.18	—	0.74	4.6	5	12	10	6	ne.	J. G. Buchanan.		
Maxwell (near).	Colfax.	5,894	4	—	—	—	—	—	—	—	0.42	—	0.21	5.5	5	—	—	—	sw.	D. N. Jackson.		
Metrose.	Curry.	4,400	3	30.3	—	63	3	-16	22	49	1.48	—	1.27	2.0	4	14	9	5	w.	Dr. B. M. Porter.		
Miami Ranch.	Colfax.	6,000	3	30.3	—	64	1	-16	22	46	1.42	—	1.26	20.2	5	14	9	5	w.	Farmers' Development Co.		
Montoya.	Union.	4,355	2	—	—	—	—	—	—	—	0.69	—	0.70	11.5	4	9	22	6	sw.	Agent E. P. & S. W. R. R.		
Mount Dora (near).	Union.	5,600	1	—	—	—	—	—	—	—	0.65	—	0.50	13.0	6	13	7	8	sw.	Edwd. F. Grygia.		
Nara Visa.	do.	4,225	5	38.0	—	73	1	-2	22	45	0.83	—	0.51	4.5	3	11	9	8	sw.	Geo. Bringle.		
Optimo.	Mora.	6,400	1	—</																		

TABLE 1.—Climatological data for February, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of overcast days.	Prevailing direction of wind.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).								
<i>Texas—Continued.</i>																						
Clarksville.		442	19	54.7	+ 4.8	86	1	19	22	41	4.85	+ 0.17	1.60	0.0	7	5	10	13	J. W. O'Neill.	
Claude.		3,397	6	44.4	- 1.5	72	1	- 6	22	54	4.28	- 0.54	1.61	1.5	5	6	15	7	n.	Ft. W. & D. C. Ry.		
Dalhart.		3,998	6	41.8	- 1.5	83	1	8	22	45	5.01	- 0.54	0.30	2.0	3	6	15	7	n.	F. L. Kennard.		
Denison.		3	.....	.....	.....	.....	.....	.....	.....	.....	3.62	.....	1.00	0.0	6	6	5	17	n.	E. B. Wilson.
Finley.		1	.....	.....	.....	.....	.....	.....	.....	.....	4.59	.....	1.80	0.0	6	14	0	14	s.	Robt. L. Smith.
Henrietta.		915	19	47.7	+ 4.9	92	1	18	23	47	2.28	+ 1.23	0.97	0.0	6	6	3	19	n.	C. K. Brown.		
Hereford.		3,750	6	2	.....	.....	.....	.....	.....	.....	5.06	.....	1.00	0.0	8	8	4	16	e.	A. C. Elliott.
Lewis Ferry.		2,067	6	44.4	- 1.5	85	2	14	22	45	4.95	- 0.54	1.55	T.	7	14	8	6	.....	P. G. Ruff.	
Memphis.		2,743	5	41.8	- 1.5	83	1	8	22	45	5.01	- 0.54	3.02	3.0	5	17	0	11	n.	Ft. W. & D. C. Ry.		
Mimail.		17	.....	.....	.....	.....	.....	.....	.....	.....	5.50	+ 4.95	3.00	2.0	9	8	11	.....	n.	J. E. Kinney.
Moobeetie.		5	39.8	- 1.5	80	1	12	20	40	3.60	.....	1.95	5.0	5	15	5	8	w.	R. A. Choate.		
Nazareth.		3	.....	.....	.....	.....	.....	.....	.....	.....	4.10	.....	1.50	0.0	5	5	8	11	n.	Rev. P. A. Kaelin.
Ochiltree.		3	.....	.....	.....	.....	.....	.....	.....	.....	5.75	.....	1.75	0.0	6	6	3	19	n.	S. J. Allen.
Pampa.		3,226	2	41.2	- 1.5	80	5	3	22	50	5.00	.....	1.32	T.	9	7	5	18	.....	B. E. Finley.
Paris.		592	22	52.0	+ 8.2	85	1	19	22	36	3.21	+ 1.15	1.65	7.5	6	15	4	9	n.	Robert A. Miller.		
Plemons.		4	37.8	- 1.5	77	1	1	22	52	2.33	.....	2.70	0.0	3	12	0	16	.....	C. S. Solomon.	
Quanah.		1,563	6	45.2	- 1.5	89	1	14	21	38	3.75	.....	2.00	0.0	6	6	3	18	sw.	Wm. H. Crawford.	
Ringo Crossing.		1	.....	.....	.....	.....	.....	.....	.....	.....	5.61	.....	2.98	4.0	5	4	10	10	s.	H. J. Palmer.
Romero.		1	36.0	- 1.5	74	12	- 2	22	50	1.54	.....	0.90	10.0	5	13	5	10	.....	R. S. Chamberlain.	
Texline.		4,694	6	2	.....	.....	.....	.....	.....	.....	5.43	+ 4.48	2.88	4.0	5	4	18	6	n.	Ft. W. & D. C. Ry.
Tulia.		3,501	13	42.2	- 1.5	82	1	10	22	40	1.83	+ 0.86	0.70	0.0	10	15	0	13	s.	Lou Mulhall.		
Wichita Falls.		958	16	2	.....	.....	.....	.....	.....	.....	5.12	.....	2.00	0.0	7	6	6	16	n.	R. A. Thompson.
Winfield.		1	.....	.....	.....	.....	.....	.....	.....	.....	1.80	.....	5.8	9	12	3	12	.....	J. C. Bostick.	
<i>Kansas.</i>																						
Alden.		1,684	1	14	39.8	80	1	12	21	44	4.04	+ 3.61	0.92	8.0	6	11	0	14	n.	L. B. Wait.		
Anthony.		1,329	14	33.1	- 1.5	75	12	- 3	22	37	2.94	+ 2.23	1.37	4.0	8	13	4	11	ne.	R. H. Beebe.		
Ashland.		1,951	23	1	.....	77	1	5	22	48	5.16	+ 4.47	2.36	1.2	7	12	9	7	n.	C. W. Carson.	
Burlington.		1,010	18	39.1	+ 9.1	77	1	9	21	47	4.40	+ 3.01	1.28	7.5	8	9	11	8	s.	O. E. Sanford.		
Chanute.		940	7	39.8	- 1.5	76	1	11	21	42	8.26	.....	3.47	11.0	9	3	14	11	nw.	Chas. W. Brown.	
Cimarron.		2,700	5	31.0	- 1.5	77	12	- 7	22	42	4.55	.....	2.00	8.2	5	9	11	8	nw.	Fred Mallonee.	
Coldwater.		2,090	14	37.0	+ 3.8	74	1	3	22	38	4.45	+ 3.71	1.78	6.0	6	14	5	9	n.	J. L. Stanley.		
Columbus.		898	21	41.1	+ 8.1	84	1	12	22	38	3.53	+ 1.38	1.72	2.0	10	14	7	7	sw.	O. E. Skinner.		
Coolidge.		3,348	14	29.8	+ 0.1	74	11	- 11	22	64	1.59	+ 1.15	0.65	8.0	6	14	7	7	n.	W. R. Padley.		
Cottonwood Falls.		1,234	7	37.6	- 1.5	75	1	7	21	39	5.21	.....	1.80	5.8	9	12	3	12	n.	E. B. Greene.	
Council Grove.		1,234	2	.....	.....	.....	.....	.....	.....	.....	5.13	.....	2.06	5.0	6	13	5	10	.....	Jas. Sharp.
Cunningham.		1,680	27	38.0	+ 6.7	80	1	7	22	46	6.13	+ 5.41	2.94	5.0	6	18	3	7	n.	W. H. Morton.		
Dodge City.		2,513	37	33.1	+ 2.0	75	12	- 3	22	37	2.94	+ 2.23	1.28	12.2	3	13	8	7	nw.	U. S. Weather Bureau.		
El Dorado.		1,291	9	39.0	- 1.5	77	1	10	21	38	4.72	.....	1.77	7.5	7	14	4	10	n.	W. Y. Miller.	
Ellinwood.		1,790	36	36.8	+ 7.7	76	12	0	22	47	5.92	+ 4.90	1.79	15.2	8	9	12	7	s.	Martin Musil.		
Emporia.		1,138	30	38.6	+ 7.7	72	15	7	21	43	4.79	+ 3.50	1.41	9.0	8	13	7	8	n.	W. H. Boyles.		
Eureka.		1,079	15	38.4 ^a	- 1.5	79	1	10	21	47 ^a	4.63	+ 3.42	1.73	10.0	9	16	1	11	nw.	T. C. Peffer.		
Fall River.		925	15	40.1	+ 6.7	83	1	12	21	52	5.52	+ 4.10	2.25	10.0	10	12	8	12	s.	J. McDaniel.		
Fargo.		1	.....	.....	.....	.....	.....	.....	.....	.....	5.26	.....	0.95	14.0	7	17	0	11	n.	N. B. Swink.
Fredonia.		864	8	41.0	- 1.5	83	1	12	21	52	5.26	.....	2.53	2.5	11	14	5	9	ne.	B. W. Holmes.	
Garden City.		2,836	22	31.4	+ 2.2	78	12	- 8	23 ^a	46	3.63	+ 2.71	1.10	10.0	7	8	12	8	s.	B. F. Stocks.		
Great Bend.		1,850	2	.....	.....	.....	.....	.....	.....	.....	5.26	.....	2.06	10.0	6	18	3	7	n.	I. Pritchard.
Greensburg.		2,235	4	35.6	- 1.5	75	1	- 1	22	38	4.96	.....	2.06	10.0	6	18	3	7	n.	C. C. Raymond.	
Grenola.		1,116	23	40.6	+ 9.0	83	1	11	21	51	4.84	+ 3.49	2.49	4.0	8	13	5	10	ne.	W. H. Lawyer.		
Howard.		1,112	4	.....	.....	.....	.....	.....	.....	.....	4.71	.....	2.04	4.5	7	13	5	10	ne.	J. W. Eby.
Hugoton.		7	32.2	- 1.5	82	12	- 10	23	33	5.22	.....	0.80	14.5	8	13	8	7	se.	E. M. Anderson.		
Hutchinson.		1,535	21	36.9	+ 5.9	76	1	7	21	43	6.38	+ 5.04	0.35	5.8	7	14	3	11	n.	E. S. Webster.		
Independence.		800	37	42.1	+ 7.0	86	1	14	22	49	5.67	+ 3.68	2.84	3.5	9	9	6	13	s.	F. L. Kenoyer.		
Iola.		984	5	38.6	+ 6.6	80	1	11	21	43	4.77	+ 3.66	1.71	13.2	9	13	6	9	n.	U. S. Weather Bureau.		
Irene.		3,440	1	30.4	- 1.5	78	12	- 9	22	61	1.77	.....	0.64	11.5	5	15	3	10	nw.	N. M. Herbig.	
Jetmore.		2,268	10	35.7	- 1.5	82	12	- 4	22	55	5.21	+ 2.15	1.30	6.0	6	12	6	9	n.	James Aiken.		
Kingman.		1,504	9	38.9	- 1.5	77	1	9	21	45	6.23	.....	2.19	8.0	6	13	6	9	nw.	B. B. Anawalt.	
La Crosse.		2,061	9	32.0	- 1.5	80	12	3	21	60 ^a	3.11	.....	1.31	8.0	8	11	1	6	se.	Rodney Torrey.	
Lakin.		2,993	21	31.2	+ 1.7	77	12	- 8	22	50	1.80	+ 0.98	0.65	13.0	5	12	8	8	n.	C. H. Longstreth.		
Larned.		2,090	26	34.2	- 1.5	78	12	- 2	22	41	4.50	+ 3.80	1.59	12.3	7	16	4	8	n.	H. H. Wolcott.		
Lebo.		1,138	25	36.5	+ 6.2	75	1	7	21	36	5.29	+ 3.74	1.55	9.5	10	15	4	9	s.	J. J. Bowman.		
Le Roy.		990	2	.....	.....	.....	.....	.....	.....	.....	4.45	.....	1.52	7.0	7	20	0	8	nw.	F. W. Schmitt.
Leward.		2,843	4	34.2	- 1.5	78	1	- 3	22	45	4.42	+ 3.78	1.40	10.5	7	11	2	15	sw.	Dr. R. T. Nichols.		
Macksville.		2,032	22	35.4	+ 4.1	72	12	- 1	22	46	4.42	+ 3.78	1.90	9.5	7	10	9	9	ne.	Mrs. Nelia Poling.		
McPherson.		1,495	22	35.0	+ 5.7	74	1	4	21</													

TABLE 1.—*Climatological data for February, 1911. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Greatest in 24 hours.	Number of clear days.	Number of partial cloudy days.	Number of fully cloudy days.	Sky.	Prevailing direction of wind.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.									
<i>Oklahoma—Continued.</i>																				
Chattanooga	Comanche	5	47.0	92	1	14	22	55	2.09	1.20	0.0	5	7	12	9	n.	Squire Humble.			
Chickasha	Grady	10	47.0 + 6.0	90	1	14	22	41	2.26	+ 1.23	1.23	0.0	6	22	2	4	n.	J. C. Good.		
Cloud Chief	Washita	9	46.0	93	1	14	22	49	3.88	—	2.56	0.7	6	9	10	9	n.	J. P. Stutzman.		
Durant	Bryan	10	49.6 + 7.7	88	1	19	22	37	4.70	+ 2.71	2.19	0.0	7	13	4	11	n.	Nelson Hoak.		
Eldorado	Jackson	4	46.6	91	1	14	22	42	4.15	—	2.05	T.	7	15	6	se.	T. W. Lanham.			
El Reno	Canadian	10	40.0	20														Rose E. Walker.		
Enid	Garfield	1,209	10	41.0 + 4.3	81	1	15	22	46	3.22	+ 2.23	2.00	0.0	7	15	7	6	n.	Uri B. Worcester.	
Erick	Beckham	2,058	6	44.7	86	10												A. W. Hanes.		
Fairland	Ottawa	839	11	45.0 + 8.1	88	13												C. W. Prier.		
Fort Gibson	Muskogee	556	6	47.1	92	1	16	22	44	4.13	—	2.53	0.0	9	8	6	14	n.	John T. Welsh.	
Frederick	Tillman	1,293	5	47.1	92	1	16	22	44	4.13	—	2.53	0.0	9	8	6	14	n.	B. B. Bradley.	
Gage	Ellis	2,136	7	47.1	92	1	16	22	44	4.13	—	2.53	0.0	9	8	6	14	n.	C. H. Holmes.	
Goodwell	Texas	3,300	1	35.4	79	0	20	44	1.77	—	0.79	9.5	6	14	5	9	ne.	S. W. Block.		
Guthrie	Logan	1,000	18	44.4 + 6.6	93	1	15	97	52	3.38	+ 1.41	1.00	0.0	7	14	0	14	n.	S. E. Snyder.	
Guymon	Texas	3,133	2	47.0	84	1	8	22	45	5.14	—	2.35	0.0	5	7	7	14	nw.	A. L. Mordt.	
Harrington	Roger Mills	2,200	7	42.0	90	1	16	22	46	3.92	+ 1.28	1.70	0.0	5	12	5	11	s.	T. Compton.	
Hartshorne	Pittsburg	700	12	51.4 + 8.2	90	1	16	22	45	3.58	+ 2.26	2.15	0.0	8	9	12	7	n.	Robt. Holmes.	
Healdton	Carter	900	17	48.0 + 6.2	92	1	14	22	42	2.91	—	1.05	3.8	6	15	5	8	n.	C. H. Heald.	
Helena	Alfalfa	1,396	3	42.6	87	1	13	22	42	2.91	—	1.05	3.8	6	15	5	8	n.	R. E. Ellis.	
Hennessey	Kingfisher	1,166	16	47.0 + 8.8	94	1	16	22	47 ^a	4.69	+ 3.39	2.90	2.0	8	9	14	4	n.	Mrs. M. C. Parks.	
Hobart	Kiowa	1,396	8	46.1	87	1	15	22	43	3.03	—	1.87	T.	6	5	14	9	s.	Roy Benedict.	
Holdenville	Hughes	900	10	45.8 + 6.1	90	1	16	22	42	2.76	+ 1.32	1.24	0.0	8	11	11	6	s.	Mary Rutherford.	
Hooker	Texas	3,038	5	34.4	89	12	0	22	49	2.78	—	1.15	12.0	7	8	1	19	n.	H. N. Kelly.	
Hurley	Cimarron	4,200	3	28.2	74	12	-11	22	51	1.83	—	1.00	14.3	7	6	17	5	sw.	Dr. C. W. Meyers.	
Idabel	McCurtain	474	3	40.4	87	1	8	23	46	4.38	—	1.45	2.0	4	14	4	10	n.	T. E. Beck.	
Jefferson	Grant	1,062	17	39.8 + 4.4	87	1	12	9	47	4.09	+ 3.27	1.76	0.0	9	11	7	10	n.	Wm. M. Guy.	
Kenton	Cimarron	4,000	10	35.8 + 0.0	82	3†	5	20†	60	1.31	+ 0.67	5.50	8.5	8	14	3	11	n.	J. C. Cross.	
Kingfisher	Kingfisher	1,046	14	45.4 + 6.9	90	1	16	22	47	4.26	+ 2.99	2.78	T.	7	7	11	10	n.	Wm. Noble.	
McAlester	Pittsburg	698	15	50.8	91	1	11	22	36	2.69	+ 0.43	1.13	0.0	8	9	3	16	n.	J. E. McNair.	
McComb	Pottawatomie	1,200	17	45.2 + 5.0	87	1	14	22	34	0.90	+ 0.21	0.90	T.	1	4	18	6	s.	F. D. Dodson.	
Mangum	Greer	1,585	18	46.0 + 4.7	79	1	14	22	44	4.61	+ 3.54	2.30	0.0	5	7	12	9	ne.	Wm. B. Anthony.	
Marlow	Stephens	1,292	10	45.7 + 6.4	89	1	15	21	40	1.35	+ 0.77	1.10	0.0	6	7	3	18	n.	Dr. J. H. Baugh.	
Meeker	Lincoln	1,030	17	44.8 + 6.2	91	1	17	22	41	1.98	+ 0.92	1.55	0.0	3	14	4	10	n.	J. Harry Randall.	
Muskogee	Woodward	614	12	47.3 + 8.0	90	1	14	22	35	2.25	+ 0.80	1.00	T.	6	14	3	11	n.	Thos. Martin.	
Mutual	Caddo	3	40.4	87	1	8	23	46	4.38	—	1.45	2.0	4	14	4	10	n.	R. N. Schooling.		
Neola	Newkirk	1,500	5	42.7 + 7.2	85	1	13	21†	50	4.79	+ 3.67	2.20	T.	7	15	7	6	s.	P. H. Allright & Co.	
Norman	Cleveland	1,149	13	42.7	85	1	13	21†	50	4.79	+ 3.67	2.20	T.	7	15	7	6	n.	D. W. Ohern.	
Oakwood	Dewey	1,854	1	40.8	86	1	10	22	42	3.34	—	1.52	4.0	10	12	5	11	s.	Dr. F. P. Osborn.	
O'Keene	Blaine	1,194	7	44.0	89	1	14	22	43	3.58	—	2.06	2.1	9	13	7	8	s.	Dr. L. H. Murdoch.	
Oklahoma	Oklahoma	1,247	20	44.0 + 5.5	90	1	14	22	38	2.05	+ 1.07	1.05	0.2	10	10	8	10	n.	U. S. Weather Bureau.	
Okmulgee	Okmulgee	752	7	47.0	87	1	16	22	42	2.81	—	1.71	0.0	6	13	9	6	n.	J. L. Maynard.	
Pauls Valley	Garvin	880	11	46.0 + 8.2	90	1	12	9	56	4.07	+ 2.30	1.70	T.	9	10	12	6	n.	A. M. Foss.	
Pawhuska	Osage	918	11	46.0 + 8.2	90	1	12	9	56	4.07	+ 2.30	1.70	T.	9	10	12	6	n.	R. C. Block.	
Perry	Noble	920	12	43.8 + 7.1	91	1	13	21	45	2.67	+ 1.49	1.17	0.2	9	12	5	11	n.	J. A. Douglass.	
Ravilla	Johnson	796	8	50.0	91	1	16	22	42	3.11	—	1.30	0.0	7	11	2	15	n.	R. G. Gupstill.	
Sac and Fox Agency	Lincoln	900	18	46.4 + 7.5	90	1	15	22	47	2.33	+ 1.30	1.00	0.0	6	15	4	9	n.	M. R. Gayle.	
Shawnee	Pottawatomie	1,041	10	43.8 + 4.2	90	1	13	22	41	2.26	+ 0.98	1.21	T.	8	10	9	9	se.	Mrs. Kate Chatman.	
Snyder	Kiowa	1,356	4	47.2	91	1	16	22	42	2.81	—	1.71	0.0	6	13	9	6	n.	Dr. W. C. Woodward.	
Stillwater	Payne	880	18	42.8 + 5.4	90	1	14	22	47	2.52	+ 0.44	1.59	0.0	8	12	2	14	sw.	C. L. McArthur.	
Tulsa	Tulsa	700	22	43.3	90	1	14	22	44	2.23	+ 0.97	0.80	T.	7	6	15	7	n.	Dr. H. M. Hutchinson.	
Vinita	Craig	698	7	45.0 + 4.5	88	1	14	22	35	1.81	+ 0.56	1.14	T.	8	10	4	14	n.	C. E. Lahman.	
Wagoner	Wagoner	588	14	45.0 + 4.5	88	1	14	22	35	1.81	+ 0.56	1.14	T.	8	10	4	14	n.	S. L. Hatfield.	
Waukomis	Garfield	1,258	14	44.1 + 6.0	91	1	16	22	45	4.41	+ 3.49	2.47	2.0	8	17	4	12	ne.	R. C. Shadet.	
Waurika	Jefferson	988	1	49.0	92	1	17	22	40	1.75	—	0.75	0.0	8	8	12	6	se.	B. A. Swindler.	
Weatherford	Custer	1,639	10	42.2 + 3.4	89	1	13	23	46	3.75	+ 3.17	2.85	T.	8	12	6	10	n.	M. D. Reed.	
Webbers Falls	Muskogee	479	12	46.6 + 6.4	80	16	15	22	36	2.96	+ 1.33	1.03	0.0	5	6	13	9	se.	B. D. Boulineau.	
Whiteagle	Kay	945	7	42.8	90	1	16	22	47	3.62	—	2.50	3.0	6	10	4	14	n.	Irvin G. Dillon.	
Woodward	Woodward	1,893	8	39.8	84	1	12	22	45	3.09	—	3.29	3.0	9	15	5	8	nw.	R. A. Boyle.	
Belle	Maries	1,200	19	39.4 + 7.7	83	1†	7	21	60	2.80	+ 0.18	0.85	5.0	6	6	10 ^b	9 ^b	n. ^b	A. J. Wofford.	
Birchtree	Shannon	1,200	18	42.0 + 8.2	85	1	13	21†	45	4.18	+ 1.21	1.50	1.0	5	16	1	11	n. ^a	V. H. Kirkendall.	
Cape Girardeau §§	Cape Girardeau	305	6	47.0	83	15†	17	22	43	2.68	—	1.58	1.48	T.	7	14	1	13	n.	D. L. Albert.
Caruthersville	Pemiscot	21	46.8 + 10.0	83	15†	17	22	43	2.68	—	1.58	1.48	T.	7	14	1	13	n.	H. E. Averill.	
Cassville	Barry	42.7	1	10	86	1	8	22†	51	2.54	+ 0.72	0.82	T.	6	21	0	7	s.	Mrs. Zuma Bloomer.	
Dean	McDonald	12	41.0 + 5.0	85	1	8	22†	51	2.54	+ 0.72	0.82	T.	6	21	0	7	s.	H. E. Dean.		
Douphian	Ripley	440	7	42.8	78	1†	10	22	41	3.40	—	1.60	T.	8	17	2	9	s.	W. W. Martin.	
Gano	Dent	8	41.2	85	1	9	21	47	3.48	—	1.28	2.65	T.	7	12	8	8	nw.	A. C. Leech.	
Goodland	Iron	900	6	40.9	85	1	3	21	50	3.75	—	2.00	2.0	4	11	7	8	s.	F. M. Adams.	
Greenville	Wayne	17	43.0 + 9.4	85	1	15	22	47	3.98	+ 0.87	1.61	0.4	8	8	17	3				

TABLE 1.—Climatological data for February, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing direction of wind.	Observers.	
				Mean.			Departure from the normal.			Total.			Departure from the normal.			Greatest in 24 hours.			
				Highest.	Date.	Lowest.	greatest daily range.	Date.	Lowest.	greatest daily range.	Total.	greatest daily range.	Date.	Lowest.	greatest daily range.	Total snowfall (cumulated).	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.
Tennessee—Cont'd.																			
Kenton.	Obion.	325	9	46.2		80	16	18	22	38	2.97		1.33	T.	14	9	4	15	n.
Memphis.	Shelby.	409	40	41.5	+ 6.1	79	16	20	22	37	3.48	- 0.87	1.34	T.	11	9	3	16	ne.
Milan.	Gibson.	440	28					19	23		2.43	- 2.66		T.					O. P. Cantwell.
Trenton.	do.	345	28	46.4	+ 6.5	80	15†	19	22	42	3.33	- 1.35	1.39	T.	8	13	4	11	Prof. F. L. Dennison.
Union City.	Obion.	360	13	46.2		79	16	19	22	39	2.60		1.00	0.0	12	11	7	10	J. B. Kinney.
Arkansas.																			
Alicia.	Lawrence.	7	44.8			78		18		38	2.85		1.55	0.0	3	13	9	6	McCullough & Guelck.
Amity.	Clark.	250	19	53.0	+ 11.7	82	1	19	22	38	3.84	- 0.08	1.97	0.0	8	9	6	13	Prof. S. M. Sampson.
Arkadelphia (near).	do.	250	4	53.4		81	1	20	23	32	6.85		2.28	0.0	10	10	5	13	J. A. Ross.
Arkansas City.	Desho.	145	28																W. C. Blundell.
Batesville.	Independence.	271	6																Lelia I. Teter.
Bee Branch.	Van Buren.	19	49.0	+ 8.7	83	1	15	22	44	2.70	- 0.51	1.42	1.0	7					J. E. Seanan.
Benton.	Benton.	283	4	43.6	+ 5.1	84	1	12	22	33	3.06	+ 0.54	1.74	1.0	10	11	11	6	P. B. Jackson.
Bergman.	Boone.	1,303	15	41.0	+ 6.5	82	1	7	22	43	4.29	+ 1.42	1.95	1.3	6	13	5	10	U. S. Weather Bureau.
Black Rock.	Lawrence.	259	7																John T. Maxey.
Brinkley.	Monroe.	226	25	49.0	+ 7.2	83	15†	20	22†	42	4.95	+ 1.24	2.34	0.0	9				S. J. Howe.
Calico Rock.	Izard.	361	7																H. L. D. Whitson.
Camden.	Ouachita.	158	26	56.6	+ 10.9	84	1	23	23	42	6.46	+ 2.41	1.46	0.0	11				W. H. Stoner.
Centerpoint.	Howard.	470	11	54.0	+ 8.4	84	1	20	22	34	5.00	+ 0.98	2.50	0.0	8	9	5	14	R. H. Quarterman.
Clarendon.	Monroe.	171	7															J. M. Hudleston.	
Conway.	Faulkner.	309	28	49.9	+ 7.9	83	1	19	22	42	3.87	- 0.17	1.99	2.5	10	7	10	11	Mrs. B. E. Bishop.
Corning.	Clay.	293	19	46.8	+ 11.8	80	1†	18	22	41	2.71	- 1.13	1.23	0.4	10	7	5	16	G. H. Burr.
Dardanelle.	Yell.	330	25	48.4		87	1	19	22	46	4.56	+ 1.32	2.44	1.0	9				Jacob Brobst.
Dodd City.	Marion.	1,175	30	45.0	+ 7.1	85		13		46†	4.75	+ 1.47	2.00	1.5	6			A. Bernard.	
Earl.	Crittenden.	223	5															Neal Dodd.	
Eldorado.	Union.	265	7	54.3		81	1†	23	22	33	3.86		1.82	0.0	11			W. J. Moss.	
England.	Lonoke.	5	51.2			80	1†	20	22	37	6.68		1.66	0.0	10			Jeff. J. Bab.	
Eureka Springs.	Carroll.	1,405	9	45.9		83	1	11	22	42	4.18		2.25	0.7	7	7	6	s.	
Fayetteville.	Washington.	1,451	22	46.6	+ 8.4	84	1	11	22	42	3.61	+ 1.17	1.71	0.2	6	8	10	10	University of Arkansas.
Fort Smith.	Sebastian.	451	29	49.3	+ 7.5	87	1	17	22	36	4.57	+ 1.83	1.73	3.0	10	8	9	11	U. S. Weather Bureau.
Fulton.	Hempsted.	264	7															B. C. Logan.	
Hardy.	Sharp.	643	13	45.2	+ 7.6	83	1	14	22	37	3.01	- 0.30	1.45	0.5	13	7	7	14	C. A. Caywood.
Helena.	Ph. Lips.	182	26	49.8	+ 5.7	82	15	21	23	40	4.12	- 0.75	1.12	0.0	10			B. F. Modisett.	
Hot Springs.	Gard. Ind.	600	5	51.8		82	1	18	22	39	4.77		2.40	0.0	7	15	0	13	Hot Springs Water Co.
Huttig.	Union.	85	4	56.2		82	1†	24	22	34	5.24		1.50	0.0	12	3	10	15	C. A. Berry.
Jonesboro.	Craighead.	345	16	47.8	+ 9.1	82	15†	15	21	47	2.80	- 1.41	1.55	1.5	5	3	20	5	Benedictine Sisters.
Junction.	Union.	18	55.9	+ 11.4	80	1	21	24	21	26	5.20	- 1.38	1.10	0.0	3	7	4	17	J. A. Lowderback.
Lake Farm.	Jefferson.	195	4	53.0		82	1	19	22	35	4.67		1.60	0.0	9	10	8	10	R. H. Gillispie.
Lewisville.	Lafayette.	262	8	55.8		82		22										F. W. Youmans.	
Little Rock.	Pulaski.	357	32	50.6	+ 6.5	80	1	20	22	37	4.26	+ 0.08	1.93	T.	12	8	6	14	U. S. Weather Bureau.
Lutxerville.	Johnson.	775	14	44.8	+ 5.2	84	1	15	22	37	3.77	+ 0.42	1.74	2.0	9	7	9	12	Miss L. C. Smith.
Malvern.	Hot Spring.	277	24	51.0	+ 7.9	80	1	20	22	38	5.12	+ 1.85	2.10	0.0	9	8	10	11	F. Walliek.
Mammoth Spring.	Fulton.	512	7	44.4		84	1	11	21	49	2.89		1.08	0.1	8	9	7	12	L. Smith.
Marked Tree.	Poinsett.	229	7															R. R. St. John.	
Mena.	Polk.	1,100	25															Chas. Sprigg.	
Newport.	Jackson.	231	27	46.9	+ 7.7	80	16	18	22	39	2.38	- 1.59	0.99	0.0	9				R. M. Adams.
Ozark.	Franklin.	377	20	50.7	+ 9.6	84	3	16	22	33	3.89	+ 1.29	2.12	1.0	5	15	8	5	J. M. Hudson.
Pine Bluff.	Pocahontas.	215	23	53.4	+ 8.4	81	1	21	22	32	5.30	+ 1.16	2.11	0.0	10				Benedictine Sisters.
Pond.	Randolph.	19	47.4	+ 11.7	82		16		22	43b	2.70	- 0.94	1.30	0.0	7	9	11	8	A. F. Stevens.
Portland.	Benton.	1,250	44	46.6	+ 8.9	81	1	7	22	46	2.96	+ 1.28	1.04	0.1	7	17	6	5	L. W. Gregory.
Prescott.	Ashley.	122	2	54.4		82		27		31d	5.13		1.45	0.0	13			A. M. Ellsworth.	
Rogers.	Nevada.	327	23	53.4	+ 8.7	83	1	20	22	43	6.55	+ 3.10	1.44	0.0	11			Carl A. Starck.	
Springbank.	Benton.	1,385	20	44.8	+ 8.7	84	1	11	22	43	2.41	+ 0.54	1.63	0.3	7	10	5	13	G. Field.
Stuttgart.	Arkansas.	495	24	52.6	+ 9.7	81	1	21	22	37	4.80	+ 0.88	2.26	0.0	10	12	7	9	H. A. Buerkle.
Subiaco.	Logan.	1,050	14	50.2	+ 10.4	78	1†	17	22	34	3.40	+ 0.56	2.33	T.	6	12	5	11	New Subiaco Abbey.
Swain.	Newton.		41.7			78		9		34b	5.50		2.27	1.5	12	11	5	12	George Paxton.
Texarkana.	Miller.	332	27	54.4	+ 6.8	81	1	23	22	30	5.72	+ 3.23	3.20	0.0	9			D. E. Moore.	
Warren.	Bradley.	304	16	54.8	+ 11.4	81	1	23	22	32	6.54	+ 2.10	2.07	0.0	9			W. J. Savage.	
Whitecliffs.	Little River.	206	7															John E. Payton.	
Wiggs.	Garland.	18	51.9	+ 9.9	82	1	11	22	39	4.12	+ 0.10	1.28	0.0	12	6	13	9	S. D. Jester.	
Wynne.	Cross.	250	3	50.3		86	1	18	21	41	4.33		0.99	0.0	10			John Seals.	
Mississippi.	Sharkey.	107	3	56.6		80	1†	25	23	31	4.51		1.06	0.0	10	6	9	13	E. W. Cook.
Austin.	Tunica.	200	15	52.2	+ 9.2	82	15	22	39	5.03	+ 0.71	1.23	0.0	9	11	3	14	H. J. Irvine.	
Batesville.	Panola.	230	24	50.9	+ 8.0	83	15	22	37	4.48	+ 0.40	1.22	0.0	11	12	1	15	J. M. Cox.	
Big Creek.	Calhoun.		53.4			80	16	19	22	35	6.49		0.8	8	7	8	13	J. P. Havens.	
Byhalia.	Marshall.	390	2															Tallahatchie Drng. Com.	
Canton.	Madison.	222	21	57.4	+ 9.1	83	15	26	22	34	2.67	- 2.60	0.91	0.0	7	4	15	9	W. B. Burke.
Charleston.	Tallahatchie.	1																A. C. Tuttle.	
Clarkdale.	Coahoma.	177	4	51.8		80	1†	23	22	36	4.95		1.48	0.0	8			Tallahatchie Drng. Com.	
Coffeeville.	Yalobusha.	241	2															M. A. Candler.	
Corinth.	Alcorn.	470	23															Tallahatchie Drng. Com.	
Crenshaw.	Panola.	187	2															Do.	
Denmark.	Lafayette.	3																E. W. Eskridge.	
Duck Hill.	Montgomery.	12	53.9	+ 9.1	80	16													

TABLE 1.—*Climatological data for February, 1911. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing direction of wind.	Observers.									
				Mean.	Departure from the normal.	Highest.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Departure from the normal.	Total snowfall (unmetted).	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.								
<i>Mississippi—Cont'd.</i>																									
Shoecoe.	Madison.	8	56.8	82	15	22	22	35	2.99	-2.30	0.97	0.0	6	15	3	10	s.	J. C. Pitchford.							
Suffolk.	Franklin.	10	60.6	+10.6	84	15	25	23	36	0.98	-4.94	0.64	0.0	6	15	6	7	se.	Prof. Geo. H. Kent.						
Swan Lake.	Tallahatchie.	148	6	56.2	82	15	21	24	34	4.74	-1.40	0.0	0	9	3	12	13	n.	B. F. Saunders.						
Tchula.	Holmes.	130	6	51.5	+ 7.5	79	16	20	22	33	4.70	+ 0.19	1.05	T.	8	10	6	12	s.	Dr. M. P. Winkler.					
University.	Lafayette.	502	18	58.6	+ 7.5	82	15	23	22	34	2.05	-	0.78	0.0	4	13 ^b	5 ^b	8 ^b	se.	Prof. J. H. Duroh.					
Utica.	Hinds.	287	7	58.6	+ 7.5	82	15	23	22	34	2.05	-	0.78	0.0	9	8	5	12	s.	Dr. J. B. Dudley.					
Vicksburg.	Warren.	247	40	58.4	+ 7.5	81	15	23	22	34	2.64	+ 0.03	2.26	0.0	9	15	5	8	s.	U. S. Weather Bureau.					
Water Valley.	Yalobusha.	300	22	53.4	+ 8.6	83	17	19	22	35	5.42	+ 0.49	1.40	T.	4	8	17	3	sw.	Miss Louie Erikson.					
Woodville.	Wilkinson.	560	18	61.8	+11.7	84	15	27	23	30	1.13	-	4.47	0.94	0.0	4	8	17	e.	James E. Lee.					
Yazoo City.	Yazoo.	116	17	56.0	+10.4	83	15	23	22	37	4.33	-	0.44	1.86	0.0	9	11	2	15	W. H. Courts.					
<i>Louisiana.</i>																									
Abbeville.	Vermilion.	18	23	63.2	+ 8.3	85	15	26	23	36	1.27	-	3.26	0.55	0.0	3	12	8	8	se.	C. J. Edwards.				
Alexandria.	Rapides.	77	23	59.4	+ 8.5	82	7 ^c	24	23 ^d	38	1.40	-	4.74	0.70	0.0	6	8	0	20	s.	Nellie Graham.				
Amite.	Tangipahoa.	130	23	61.4	+ 8.5	83	7	21	23	44	0.12	-	6.34	0.12	0.0	1	7	21	0	se.	Lulu M. Wentz.				
Baton Rouge.	East Baton Rouge.	60	23	63.4	+10.2	84	15	34	22	36	0.72	-	4.16	0.53	0.0	3	14	2	12	se.	Elmo M. Bott.				
Burnside §.	Ascension.	20	11	63.1	+ 9.8	85	8	23	26	36	0.66	-	5.09	0.57	0.0	3	17	4	7	se.	C. S. McFarland.				
Burwood.	Plaquemines.	1	23	64.0	+ 7.3	78	14	40	22 ^d	25	0.58	-	3.59	0.28	0.0	3	19	4	5	s.	Graham Myers.				
Cades §.	St. Martin.	1	61.9	+ 9.8	83	15	23	23	31	4.17	-	0.55	0.0	0	6	4	20	sw.	C. E. Smiedes.						
Calhoun.	Ouachita.	180	23	57.4	+ 9.8	83	15	23	23	31	4.47	-	0.08	2.06	0.0	8	7	8	13	se.	N. L. Experiment Station.				
Cameron.	Cameron.	6	18	63.1	+ 8.5	76	5 ^c	30	22	33	0.63	-	2.66	0.63	0.0	1	5	11	12	se.	State Biologic Station.				
Carrollton.	Orleans.	7																		Loyola College.					
Cheneyville.	Rapides.	67	23	60.5	+ 9.5	86	5 ^c	26	23	42	0.42	-	4.86	0.22	0.0	2	9	8	11	s.	Walter I. Tanner.				
Cinclare.	West Baton Rouge.	1	61.2	+ 8.5	83	15	22	26	36	0.59	-	0.46	0.0	3	8	16	0	sw.	Cinclare Cent. Fac'y.						
Clinton.	East Feliciana.	113	23	62.1	+ 8.9	85	14	25	23	36	0.51	-	4.85	0.37	0.0	4	4	4	20	n.	John A. White.				
Collinston.	Morehouse.	65	10	58.7	+11.1	85	3 ^c	26	22 ^d	31	4.04	-	2.09	1.70	0.0	7	5	8	15	s.	John B. Reily.				
Covington.	St. Tammany.	39	19	61.8	+10.7	83	6	25	23 ^d	48	1.67	-	4.21	0.57	0.0	6	4	4	20	s.	Lucille Champagne.				
Dodson.	Winn.	2	57.8	+ 8.5	83	15	23	23	33	4.49	-	2.18	0.0	0	8	6	10	12	s.	J. P. Lucas.					
Donaldsonville.	Ascension.	33	23	66.4	+11.1	86	8	33	21	36	1.90	-	3.57	1.10	0.0	3	12	2	14	s.	John F. Park.				
Farmerville.	Union.	177	23	54.5	+ 6.7	81	14	22	22	39 ^a	3.62	-	0.65	1.60	0.0	6	2	9	17	s.	W. P. Chandler.				
Ferriday.	Concordia.	4	60.8	+ 8.5	83	7 ^c	20	23	40	1.11	-	0.50	0.0	3	18	0	10	s.	R. Z. Schlayer.						
Franklin.	St. Mary.	10	19	64.2	+10.6	88	15	27	23 ^d	44	0.95	-	4.16	0.35	0.0	6	15	3	10	s.	J. M. Bonney.				
Grand Cane.	De Soto.	302	15	55.0	+ 6.2	83	5	15	23	34	0.74	-	3.24	0.31	0.0	6	4	2	10	sw.	G. Foster Provost.				
Grand Coteau.	St. Landry.	93	23	63.2	+ 8.6	85	14	27	23	36	1.17	-	3.68	0.85	0.0	5	10	11	7	sw.	St. Charles College.				
Hammond.	Tangipahoa.	44	19	63.0	+10.2	85	6	22	23	44	1.31	-	3.53	0.63	0.0	4	21	0	7	s.	C. C. Carr.				
Houma.	Terrebonne.	23	64.2	+ 8.8	84	7 ^c	30	22	48	0.90	-	3.87	0.60	0.0	3	24	3	1	ne.	H. M. Foote.					
Jena.	Catahoula.	4																		I. A. Wilbanks.					
Jennings.	Calcasieu.	30	14	62.0	+ 9.9	83	15	25	23	42	0.56	-	3.95	0.35	0.0	3	5	15	8	se.	J. F. Buch.				
Lafayette.	Calcasieu.	36	23	62.8	+ 8.8	85	14 ^c	25	23	40	0.82	-	3.74	0.42	0.0	6	7	10	11	e.	J. J. Davidson.				
Lake Charles.	Calcasieu.	22	23	60.5	+ 7.3	83	8	28	23	48	0.95	-	3.46	0.95	0.0	1	28	0	0	n.	Geo. Boudreux.				
Lakeside.	Cameron.	9	10	63.4	+10.5	84	15	30	23	33	0.90	-	0.47	0.0	2	23	3	2	se.	Miss L. J. Nunemacher.					
Lawrence.	Plaquemines.	6	20	62.8	+ 8.0	83	15	31	23	42	1.09	-	4.06	0.56	0.0	3	20	3	5	s.	H. C. Warmoth.				
Leesville.	Vernon.	4	61.0	+ 9.8	82	14 ^c	23	27	37	1.14	-	0.54	0.0	0	5	14	3	11	s.	C. M. McFarland.					
Liberty Hill.	Bienville.	23	58.2	+ 8.4	85	6	22	23	35	4.47	+ 0.23	1.10	0.0	0	8	7	6	15	s.	E. A. Crawford.					
Logansport.	De Soto.	192	7													7	1	20	s.	Bettie M. Dennis.					
Melville.	St. Landry.	45	23	61.4	+ 8.1	88	6	20	23 ^d	52	0.93	-	4.14	0.65	0.0	4	11	1	16	se.	Chas. B. McNeill.				
Minden.	Webster.	194	23	56.4	+ 8.0	85	6	21	23 ^d	39	3.15	-	0.23	1.48	0.0	9	6	7	15	s.	Ethel Fort.				
Monroe.	Ouachita.	82	23	55.3	+ 5.9	87	6	20	23	44	5.59	-	1.19	2.00	0.0	8	8	5	15	e.	John G. Welch.				
Morgan City.	St. Mary.	14	5													0.51	0.0	4	11	8	9	e.	Virgil E. Kinsey.		
Newellton.	Tensas.	4																			John D. Fultz.				
New Iberia.	Iberia.	15	23	63.2	+ 8.5	82	6 ^c	29	23	29	1.06	-	3.37	0.78	0.0	4	7	18	3	sw.	Mrs. John A. Gebert.				
New Orleans (1).	Orleans.	51	40	63.6	+ 7.3	81	7	35	22	26	1.35	-	3.12	0.55	0.0	5	7	8	13	se.	U. S. Weather Bureau.				
New Orleans (2).	do.	18	23	64.5	+ 9.6	84	7 ^c	34	22 ^d	37	1.46	-	4.06	0.48	0.0	7	10	9	9	s.	Sugar Experiment Station.				
Opelousas.	St. Landry.	83	19	62.9	+11.1	86	15	24	23 ^d	43	0.96	-	4.11	0.75	0.0	4	9	2	17	sw.	Andrew Moresi.				
Paradis.	St. Charles.	4																		Louisiana Meadows Co.					
Pearl River.	St. Tammany.	29	5													1.68	-	0.78	0.0	6	11	6	s.	Geo. F. Banks.	
Plain Dealing.	Bossier.	268	19	56.2	+ 9.2	86	1	21	23	36	2.87	-	0.56	0.88	0.0	4	6	7	15	se.	Leon Sanders.				
Rayne.	Acadia.	44	19	67.2	+14.0	85	15	26	23	33	1.06	-	4.03	0.62	0.0	3	11	0	17	s.	A. P. McNeil.				
Reserve §.	St. John the Baptist.	10	63.2	+10.5	87	7	23	29	49	1.37	-	3.39	0.93	0.0	2	10	16	2	se.	Leon Godchaux Co. (Ltd.).					
Robeline.	Natchitoches.	147	15	58.2	+ 9.9	87	7	19	23	39	2.12	-	2.51	0.68	0.0	5	7	4	17	s.	Ruby McCook.				
Ruston.	Lincoln.	312	16	58.0	+10.7	85	1	25	22	29 ^a	3.30	-	1.37	2.00	0.0	4	8	6	14	n.	J. C. H. McKinney.				
St. Francisville.	West Feliciana.	115	8	57.8	+ 8.5	79	27 ^c	20	23	37	1.25	-	1.25	0.50	1					L. P. Kilburn.					
Schriever.	Terrebonne.	17	19	62.8	+ 8.5	85	7 ^c	24	23	48	1.12	-	3.97	0.66	0.0	4	14	4	10	e.	Harriett F. Riviere.				
Sheridan.	Washington.	1														0.80	-	0.30	0.0	4	9	17	s.	D. A. Self.	
Shreveport.	Caddo.	249	40	57.3	+ 7.3	82	6	26	22	33	1.79	-	1.82	0.80	0.0	8	8	3	17	s.	U. S. Weather Bureau.				
Simmesport.	Avoyelles.	42	5													0.43	-	0.29	0.0	3	4	3	21	se.	C. T

TABLE 2.—*Daily precipitation for February, 1911. District No. 7, Lower Mississippi Valley.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for February, 1911. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																												Total.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
<i>Arkansas—Continued.</i>																															
Camden	Ouachita																														
Center Point	Red																														
Clarendon	White	.02	.34																												
Conway	Arkansas			T.																											
Corning	White			T.																											
Dardanelle	Arkansas			T.																											
Dodd City	White																														
Earl																															
Eldorado	Ouachita	.02																													
England	Arkansas			.77																											
Eureka Springs	White																														
Fayetteville		do																													
Fort Smith	Arkansas			T.																											
Fulton	Red																														
Hardy	White			T.																											
Helena	Mississippi	.62																													
Hot Springs	Ouachita			T.																											
Huttig		do																													
Jonesboro	White																														
Junction	Ouachita			T.																											
Lake Farm	Arkansas	.11																													
Lewisville	Red	.01																													
Little Rock	Arkansas	.03																													
Lutherford		do																													
Malvern	Ouachita																														
Mammoth Spring	White																														
Marked Tree		do																													
Mena	Ouachita																														
Newport	White	.31																													
Ozark	Arkansas			T.																											
Pine Bluff		do																													
Pocahontas	White																														
Pond		do																													
Portland	Arkansas			T.																											
Prescott		do																													
Rogers	Arkansas																														
Springbank	Red																														
Stuttgart		do																													
Subiaco	Ouachita	.53																													
Swain	White																														
Texarkana		do																													
Warren	Ouachita	.50																													
Whitecliffs	Red																														
Wiggs	Ouachita			T.																											
Wynne	St. Francis			T.																											
<i>Mississippi.</i>																															
Anguilla	Yazoo			T.																											
Austin		do																													
Batesville		do																													
Big Creek		do																													
Byhalia		do																													
Canton		do																													
Charleston	Big Black																														
Clarksville		do																													
Coffeeville		do																													
Corinth		do																													
Crenshaw	Yazoo			T.																											
Denmark		do																													
Duck Hill		do																													
Edwards	Big Black			T.																											
Enid		do																													
Fayette		do																													
Greenville		do																													
Greenwood		do																													
Grenada		do																													
Hernando		do																													
Hickory Flat		do																													
Holly Springs		do																													
Kosciusko		do																													
Lake Cormorant	Big Black			T.																											
Lula		do																													
Malone		do																													
Marks		do																													

TABLE 2.—*Daily precipitation for February, 1911. District No. 7—Continued.*

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1911. District No. 7, Lower Mississippi Valley.

Date.	Colorado.					New Mexico.				Texas.				Kansas.				Oklahoma.										
	Lamar.		Leadville.		Pueblo.	Albert.		Cimarron.		Amarillo.		Paris. §§		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore. §§	Bartlesville.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1....	66	42	34	17	62	30	72	42	57	40	77	44	85	54	69	36	72	41	80	37	78	47	75	37	92	56	89	45
2....	61	18	39	8	64	17	62	30	60	26	66	30	68	59	51	23	55	13	45	21	60	20	47	22	55	50	47	28
3....	64	28	31	13	64	28	72	42	65	38	67	43	83	47	65	34	68	21	60	29	65	35	63	33	78	40	55	38
4....	60	24	35	17	47	27	67	41	63	31	65	43	76	44	43	28	54	20	49	24	50	29	48	27	74	41	65	37
5....	65	20	27	14	57	25	62	38	58	15	66	43	74	44	63	35	58	41	63	39	65	41	67	39	76	54	72	40
6....	65	15	36	6	62	18	62	28	59	16	67	32	79	47	51	20	50	13	43	25	57	20	43	21	68	42	50	27
7....	60	28	30	8	45	19	52	34	56	25	50	36	75	47	48	23	47	17	44	26	52	24	49	29	70	40	55	28
8....	51	9	29	4	49	13	52	21	57	16	51	28	51	45	50	15	54	14	49	20	51	13	50	22	45	39	52	26
9....	56	8	39	1	49	11	52	22	64	17	54	24	63	43	52	21	52	16	48	20	53	15	51	26	62	30	52	21
10....	65	15	39	6	61	13	46	25	54	13	38	31	52	40	40	24	55	22	50	24	55	27	56	35	52	20	52	20
11....	70	15	40	9	67	27	61	15	69	32	48	35	65	35	55	38	44	36	69	28	46	36	47	35	46	36	46	36
12....	75	28	34	16	65	27	67	24	63	27	73	40	54	37	75	38	76	38	58	40	78	33	58	43	56	38	60	41
13....	75	28	29	6	52	33	57	37	55	32	56	31	72	41	52	34	73	41	60	44	65	39	56	45	65	50	62	46
14....	59	23	34	9	57	23	60	24	53	18	66	31	73	42	61	30	70	29	64	35	68	26	61	34	72	39	60	38
15....	52	27	27	5	47	25	63	32	56	19	67	33	73	40	58	36	69	40	75	43	61	37	70	44	76	43	80	46
16....	49	30	27	16	36	30	57	46	55	39	68	36	80	53	43	34	67	36	74	58	54	32	61	43	75	58	77	62
17....	42	29	44	14	36	29	47	32	39	27	36	31	78	60	34	30	64	32	62	38	34	30	71	62	75	62	75	
18....	43	22	28	6	32	19	40	23	36	22	32	22	72	59	31	21	58	25	38	30	32	23	35	29	53	42	62	35
19....	30	-9	17	-1	19	0	26	16	25	8	24	14	40	39	25	12	29	19	31	23	25	15	30	22	35	32	35	29
20....	20	-11	15	-11	18	-3	25	4	15	-5	23	11	44	30	22	2	26	5	25	15	22	-2	25	13	37	25	32	18
Mns.	49.8	14.2	29.8	4.9	42.5	15.6	48.4c	24.4a	45.2	17.2	49.3	27.9	63.0	41.0	44.2	22.0	50.9	22.8	48.7	28.6	47.0	21.5	46.7	28.5	58.9	38.4	54.6	33.0
	Oklahoma—Continued.												Missouri.												Lynnville, Ky.	Jackson, Tenn.		
Date.	Euid. §§	McAlester.	Mangum. §§	Muskogee.	Oklahoma.	Weatherford. §§	Woodward.	Caruthersville.	Ironton. §§	Lamar. §§	Olden.	Springfield.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1....	81	48	90	63	79	47	90	55	90	52	89	50	78	46	83	33	86	45	84	32	84	46	.....	78	49			
2....	66	50	81	45	75	31	82	37	55	36	56	34	67	24	69	42	48	30	47	24	78	33	46	25	75	45		
3....	65	30	75	43	71	43	68	41	69	42	75	34	72	40	60	36	53	25	59	23	60	31	58	36	69	36		
4....	60	29	72	37	77	63	64	30	64	33	59	31	58	29	55	34	48	27	53	24	57	27	49	25	69	36		
5....	75	28	74	56	69	55	67	40	76	50	72	33	72	40	51	45	34	55	26	47	35	54	36	66	35			
6....	67	30	72	40	55	37	65	33	54	32	55	52	65	33	62	39	45	34	50	34	44	29	.....	68	36			
7....	57	27	71	39	60	35	62	35	56	38	59	33	53	20	49	32	45	23	59	29	44	26	53	29	60	35		
8....	58	28	61	34	65	35	54	38	45	31	48	31	50	22	46	35	46	29	46	25	47	28	44	26	56	34		
9....	58	25	61	29	61	32	56	23	56	24	63	21	59	14	58	32	49	20	50	21	52	24	45	29	54	34		
10....	55	25	58	36	53	33	55	30	55	36	53	28	52	26	50	29	48	15	55	25	48	18	49	25	49	25		
11....	60	28	51	36	55	35	52	32	45	35	47	33	56	35	42	34	44	33	42	26	45	32	41	32	46	34		
12....	65	33	49	43	67	38	60	41	52	42	57	39	63	43	46	39	44	36	61	36	48	34	55	36	47	33		
13....	65	37	68	46	72	45	66	44	60	46	61	43	63	48	57	42	59	36	69	41	60	31	68	39	59	43		
14....	69	34	72	43	74	32	69	40	67	38	71	31	70	27	68	52	67	46	68	38	67	46	63	42	72	44		
15....	75	34	71	51	72	43	76	46	78	32	70	34	80	40	77	27	80	38	77	40	76	50	83	40				
16....	74	40	78	62	72	51	79	61	75	63	74	46	64	45	83	52	78	46	77	47	76	53	74	60	80	53		
17....	58	40	79	64	40	39	79	60	67	39	40	39	45	35	78	60	76	60	74	53	73	44	72	45				
18....	48	35	74	46	38	36	60	44	41	35	35	35	36	32	70	42	42	39	38	69	39	44	32	74	43			
19....	28	26	48	32	35	26	48	32	35	24	29	29	32	20	45	36	32	31	30	28	49	29	33	23	55	35		
20....	30	19	40	26	32	18	35	25	30	22	33	17	25	8	36	28	29	22	21	31	22	24	15	44	29			
21....	25	16	34	21	39	19	32	19	25	18	41	18	21	12	38	20	28	15	30	11	21	11	33	21				
22....	27	15	45	11	48	14	44	14	38	14	43	15	30	6	46	17	38	13	38	14	40	11	33	10	44	18		
23....	31	19	51	23	54	19	48	21	42	20	46	13	38	10	50	24	45	15	42	14	46	16	37	21	44	24		
24....	34	22	57	25	64	23	55	24	50	23	53	21	48	16	56	24	55	23	53	21	53	20	48	22	53	23		
25....	37	23	54	39	54	34	55	34	54	36	54	21	55	33	58	25	52	22	50	34	48	33	55	36	66	27		
26....	53	21	60	38	50	31	57	35	49	31	47	30	46	27	71	45	61	42	47	34	61	40	49	32	71	33		
27....	37	24	54	34																								

TABLE 3.—*Maximum and minimum temperatures at selected stations for February, 1911. District No. 7—Continued.*

Date.	Tennessee.				Arkansas.												Mississippi.										
	Memphis.	Union City.	Bentonville.		Corning.		Dardanelle §§		El Dorado §§		Fort Smith.		Little Rock.		Pine Bluff §§		Texarkana §§		Wynne §§		Clarksville §§		Corinth §§		Greenville §§		
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	77	60	75	41	84	51	80	39	87	41	81	60	87	51	80	59	81	60	86	47	80	52	.....	82	57		
2....	67	43	71	40	52	34	76	43	62	42	62	56	66	50	69	48	70	57	72	60	68	63	56	.....	68	58	
3....	70	43	58	35	62	40	57	37	71	47	79	54	69	43	72	47	76	51	80	54	76	48	74	48	.....	76	55
4....	56	44	53	35	56	28	55	36	60	35	70	46	62	42	57	47	62	41	70	44	65	40	62	42	.....	67	47
5....	58	43	48	39	58	46	51	40	55	35	72	49	55	46	65	45	70	47	74	49	64	42	68	42	.....	74	49
6....	65	48	58	48	54	34	57	43	70	38	79	54	64	42	72	51	73	55	77	54	67	44	73	47	.....	80	56
7....	54	39	54	31	65	37	55	32	52	40	75	57	55	45	54	46	70	50	76	55	57	38	67	50	.....	76	58
8....	49	37	45	35	45	26	47	34	55	45	62	61	55	41	50	43	53	47	59	59	54	28	52	52	.....	61	59
9....	53	35	54	31	50	24	56	29	60	35	58	40	58	36	56	38	58	40	59	42	62	35	57	39	.....	57	41
10....	47	34	47	26	53	26	50	25	52	28	51	39	54	33	50	38	50	37	51	42	60	34	52	35	.....	51	31
11....	43	35	42	34	43	33	46	33	42	33	46	37	43	32	43	34	45	40	47	38	44	23	45	36	.....	45	39
12....	47	40	46	39	58	38	45	39	50	33	52	38	53	40	46	41	51	36	53	38	56	32	50	36	.....	54	38
13....	65	43	56	43	67	44	55	43	65	40	72	42	69	44	67	45	70	42	75	47	72	41	69	42	.....	74	43
14....	70	54	71	53	66	42	71	51	72	45	77	50	69	49	72	49	76	50	73	49	76	47	75	50	.....	77	53
15....	77	57	78	39	76	47	79	39	81	38	81	45	78	47	77	50	72	44	77	52	80	42	80	48	.....	82	51
16....	79	64	79	52	75	58	80	55	79	47	79	52	78	61	75	65	80	61	79	59	83	42	78	51	.....	83	58
17....	75	62	75	59	75	47	75	62	75	55	78	59	78	64	74	61	78	60	82	65	70	61	71	61	.....	80	61
18....	69	49	69	48	50	38	72	43	72	60	76	63	70	50	72	46	77	60	75	63	60	78	60	.....	81	61	
19....	49	35	50	36	38	27	44	34	43	40	49	46	50	33	46	36	55	45	49	47	50	46	49	49	.....	68	63
20....	35	30	37	25	31	19	34	29	40	33	39	36	37	27	36	29	41	35	43	35	41	28	37	35	.....	39	37
Mns....	57.4	41.5	56.0	36.5	53.9	33.4	57.1	36.5	59.0	37.8	63.6	45.0	58.4	40.2	58.9	42.2	62.4	44.3	63.2	45.6	62.5	38.1	61.3	42.4	.....	65.0	46.8

Date.	Mississippi—Continued.						Louisiana.												Shreveport.											
	Kosciusko §§	Natchez §§		Vicksburg.		Alexandria §§		Baton Rouge §§		Covington §§		Lafayette §§		Lake Charles §§		Monroe §§		New Orleans.		Robeline §§		Schriever §§		Shreveport.						
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1....	78	53	81	61	77	61	80	59	80	65	80	58	78	59	73	60	86	59	78	63	82	61	83	61	81	61				
2....	64	59	81	61	72	62	80	59	73	63	82	60	80	61	81	60	77	57	80	65	78	61	83	60	74	57				
3....	75	56	79	64	74	62	79	60	77	64	78	58	80	64	80	58	77	53	78	65	78	61	79	57	79	57				
4....	68	45	75	62	72	54	79	58	75	63	78	64	80	62	80	60	65	53	76	65	76	84	55	72	53					
5....	68	46	79	60	74	55	80	58	78	62	73	61	81	73	81	60	80	51	79	63	80	81	57	78	58					
6....	77	48	78	60	74	65	80	60	81	65	83	61	83	62	80	59	87	58	81	63	85	59	80	60	82	65				
7....	74	57	83	64	78	65	82	64	82	66	81	60	81	64	81	57	81	65	87	63	85	61	85	61	82	65				
8....	65	60	82	64	71	55	81	63	83	64	73	63	83	65	83	61	66	66	76	65	65	64	85	62	69	48				
9....	56	43	53	50	56	43	55	51	62	60	66	58	62	59	71	71	66	67	60	69	55	57	45	70	62	55				
10....	49	40	55	45	53	46	55	45	56	52	57	50	56	50	56	49	44	43	55	51	55	43	58	52	42	42				
11....	42	38	45	40	46	38	46	41	64	51	62	48	66	44	67	45	43	30	72	55	47	41	77	51	48	39				
12....	53	37	60	40	55	43	60	41	60	50	62	48	64	47	68	43	60	30	61	53	60	40	73	54	42					
13....	71	40	80	45	75	52	80	42	76	60	79	49	78	48	80	40	45	61	39	77	60	82	42	79	56	52				
14....	75	52	84	59	77	58	81	50	80	64	82	62	85	64	81	52	70	39	80	65	82	52	84	58	79	54				
15....	78	52	86	58	81	65	82	60	84	63	82	63	84	64	80	59	64	72	62	85	53	85	58	78	57					
16....	79	58	86	63	80	62	82	61	83	65	81	63	83	64	81	62	84	40	77	63	83	62	85	64	80	64				
17....	75	60	85	61	79	61	82	61	79	64	85	60	80	61	81	55	76	64	80	62	84	61	77	63						
18....	79	56	82	62	77	62	80	62	78	64	81	61	81	65	79	61	73	64	78	60	80	55	77	63						
19....	74	58	86	72	65	72	64	61	73	66	80	60	76	65	80	39	57	57	80	54	64	61	71	38						
20....	39	36	42	35	42	38	45	44	54	38	63	25	62	30	65	29	64	27	58	42	61	22	62	25	32					
21....	44	28	47	30	44	30	49	29	51	36	52	36	50	31	67	30	53	29	50	36	47	25	53	32	42					
22....	45	23	48	28	43	28	45	28	50	34	50	30	48	29	51	26	48	35	45	25	51	32	42	26						
23....	52	24	60	29	52	32	55	24	57																					